



Attorney's Docket No. 0448-025001 / MPI2000-061P1R

6P1634

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Applicant : Rachel A. Meyers
Serial No. : 09/801,267
Filed : March 6, 2001
Title : 26583, A NOVEL SERINE/THREONINE PHOSPHATASE AND USES THEREFOR

Art Unit : 1634
Examiner : Einsmann, Juliet Caroline

Commissioner for Patents
Washington, D.C. 20231

RESPONSE TO RESTRICTION REQUIREMENT

Responsive to the action mailed June 5, 2002, applicant elects the invention of Group I, claims 2-7 and 18. The election is made without traverse.

Prior to examination, please amend the application as follows:

In the claims:

Cancel claim 1.

Amend claims 2-5, 7 and 18 as follows:

--2. (Amended) An isolated nucleic acid molecule selected from the group consisting

of:

- a) a nucleic acid comprising the nucleotide sequence of SEQ ID NO:1,
- b) a nucleic acid comprising the nucleotide sequence of SEQ ID NO:3,
- c) a nucleic acid comprising the nucleotide sequence of the DNA insert of the

plasmid deposited with ATCC as Accession Number _____,

d) a nucleic acid molecule which encodes a polypeptide comprising the amino acid sequence of SEQ ID NO:2, and

e) a nucleic acid molecule which encodes the amino acid sequence encoded by the cDNA insert of the plasmid deposited with the ATCC as Accession Number _____.

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I hereby certify under 37 CFR §1.8(a) that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage on the date indicated below and is addressed to the Commissioner for Patents, Washington, D.C. 20231.

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July 2, 2002
Maria Reen
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3. (Amended) The nucleic acid molecule of claim 2 further comprising vector nucleic acid sequences.

4. (Amended) The nucleic acid molecule of claim 2 further comprising nucleic acid sequences encoding a heterologous polypeptide.

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art
5. (Amended) A host cell which contains the nucleic acid molecule of claim 2.

6. (Reiterated) The host cell of claim 5 which is a mammalian host cell.

7. (Amended) A non-human mammalian host cell containing the nucleic acid molecule of claim 2.

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18. (Amended) A kit comprising a compound which selectively hybridizes to a nucleic acid molecule of claim 2 and instructions for use.--

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REMARKS

Claim 1 has been canceled. Claims 2 has been rewritten as an independent claim and claims 3-5, 7 and 18 have been amended merely to depend from amended claim 2. No new matter has been added. Upon entry of this amendment and response, claims 2-36 will be pending and claims 2-7 and 18 will be under examination.

In response to the restriction requirement mailed on June 5, 2002, Applicant elects Group I, claims 2-7 and 18, without traverse.

Attached is a marked-up version of the changes being made by the current amendment.

Applicant asks that all claims be allowed. No fees are believed to be due. However, if there are any charges or credits, please apply them to Deposit Account No. 06-1050, referencing the attorney docket number indicated above.

Respectfully submitted,

Date: _____

2 July 2002

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